

Reaction Search

Please follow the steps below to conduct your search (Help):

1. Enter reactants and / or products: (Help)

+ = +

2. Select any desired options for the search.

☒ Match reverse reactions. (Help)

☒ Allow reactants in addition to those specified. (Help)

☒ Allow products in addition to those specified. (Help)

☐ Exclude reactions which contain ions. (Help)

3. Restrict reactions to the following type: ☒ (Help)

4. Select the desired units for thermodynamic data:

☒ SI ☐ calorie-based

5. Press here to search:
-

Reaction Search Help

Rules for reactants / products (step 1) (Back to search)

- For each species that you want to match, enter one of the following:
 - Chemical name
 - Chemical formula
 - CAS registry number
- The asterisk (*) and question mark (?) wildcards can be used following element symbols in chemical formulas. The asterisk matches zero or more occurrences of the element. The question mark matches one or more occurrences of the element.

Search options (step 2) (Back to search)

Match reverse reactions

Match reactions which match the given specifications except for the fact that the reactants and products are swapped.

Allow reactants in addition to those specified

Match reactions which involve additional reactants to those which are specified. This option is especially useful when only one reactant is specified.

Allow products in addition to those specified

Match reactions which produce additional products to those which are specified.

Exclude reactions which contain ions

This option excludes reactions which involve ions as reactants or products.

Reaction type help (step 3) (Back to search)

Searches may be restricted by selecting the desired reaction type. There are three options for

reaction type:

Any reaction

No restrictions are placed on the reaction type.

Ion clustering

Searches are limited to ion clustering reactions.

Disassociation

Searches are limited to disassociation reactions.

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